

Amendments to the Claims:

Please cancel claim 8 without prejudice or disclaimer.

1. (Currently Amended) A wind power plant comprising at least one high voltage rotary generator coupled to a turbine via shaft means and having a stator with at least one winding and a rotor, wherein the at least one stator winding comprises;

a cable including a current carrying conductor, an inner layer having semiconducting properties surrounding the current carrying conductor, a solid insulation layer surrounding the inner layer and an outer layer having semiconducting properties surrounding the solid insulation layer, wherein the current-carrying conductor comprises a plurality of electrically insulated strands and at least one uninsulated strand in contact with the inner layer.

2. (Cancelled)

3. (Previously Amended) The plant as claimed in claim 1, wherein the inner and outer layers each provide essentially an equipotential surface, and the insulating layer has substantially the same coefficient of thermal expansion as the semiconducting layers.

4. (Previously Amended) The plant as claimed in claim 1, wherein the layer is at substantially the same potential as the said conductor.

5. (Previously Amended) The plant as claimed in claim 1, wherein the outer semiconducting layer is arranged to form essentially an equipotential surface surrounding the conductor.

6. (Previously Amended) The plant as claimed in claim 1, wherein said outer semiconducting layer is connected to a predefined potential.

7. (Previously Amended) The plant as claimed in claim 6, the predefined potential is earth potential.

8. (Cancelled)

9. (Previously Amended) The plant as claimed in claim 1, wherein the rotor is equipped with a short-circuited winding, resulting in a generator of the induction type.

10. (Previously Amended) The plant as claimed in claim 1, wherein the rotor is

equipped with a field winding in which DC-current flows, resulting in a generator of the synchronous type.

11. (Previously Amended) The plant as claimed in claim 1, wherein the conductor has a conductor area of between 10 and 200 mm² and the cable has an outer cable diameter of between 10 and 40 mm.

12. (Previously Amended) The plant as claimed in claim 1, wherein the said generator is designed for high voltage and is arranged to supply the out-going electric network directly without any intermediate connection of a transformer.

13. (Previously Amended) The plant as claimed in claim 12, wherein said generator is earthed via an impedance.

14. (Previously Amended) The plant as claimed in claim 12, wherein said generator is directly earthed.

15. (Previously Amended) The plant as claimed claim 12, wherein the generator is arranged to generate power to various voltage levels.

16. (Previously Amended) The plant as claimed claim 15, wherein one of said voltage levels is arranged to generate auxiliary power and that the auxiliary power is arranged to be generated from a separate winding in the generator.

17. (Previously Amended) The plant as claimed in claim 1 wherein it comprises several generators, each of which lacks an individual step-up transformer, but which, via a system transformer common to the generators, is connected to the transmission or distribution network.

18. (Previously Amended) The plant as claimed in claim 1 wherein the winding of the or each generator is arranged for self-regulating field control and lacks auxiliary means for control of the field.

19. (Currently Amended) The plant as claimed in claim 1 wherein the windings of the or each generator can be connected for multiple-speed operation using different numbers of ~~pole~~ poles.

20. (Previously Amended) The plant as claimed in claim 1 wherein at least one

wind turbine is equipped with two or more generators having different numbers of poles so that multiple-speed operation is possible.

21. (Previously Amended) The plant as claimed in claim 1 wherein the or each generator is connected to a frequency convertor comprising a rectifier, a DC-link and an inverter.

22. (Previously Amended) The plant as claimed in claim 21, wherein series connected valves are used in the inverter and the rectifier.

23. (Previously Amended) The plant as claimed in claim 22, wherein the inverter is net commutated with current-stiff DC-link.

24. (Currently Amended) The plant as claimed in claim 22, wherein the inverter is self commutated and ~~consists of~~ comprises series-connected IGBTs.

25. (Currently Amended) An electric generator for high voltage included in a wind power plant in which the generator is coupled to a turbine via shaft means, said generator comprising a stator with at least one stator wherein the at least one stator winding comprises a cable including a current carrying conductor, an inner semiconducting layer surrounding the conductor, a solid insulation layer surrounding the inner layer and an outer semiconducting layer surrounding the solid insulation, wherein the current-carrying conductor comprises a plurality of electrically insulated strands and at least one uninsulated strand in contact with the inner layer.

26. (Cancelled)

27. (Previously Presented) The electric generator of claim 25 including coupling means for coupling the generator directly to a transmission or distribution network having a voltage of between 2 to 50kV.

28. (Previously Presented) The wind power plant according to claim 1, including coupling means for connecting the plant to a transmission or distribution network having a voltage of between 2 and 50kV.

AMENDMENTS TO THE DRAWINGS:

Fig. 2 is amended in order to add reference numeral 36A.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes